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**REVISION 002 TO A
INVITATION TO TENDER**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions remain the same.

Issuing Office:

Parks Canada Agency
National Contracting Services
Calgary, AB

Title: Lake Louise Lift Station – Banff National Park	
Solicitation No.: 5P468-22-0051/A	Date: June 29, 2022
Amendment No.: 002	
Client Reference No.:	
GETS Reference No.: PW-22-00998420	

Solicitation Closes: At: 2:00 PM On: July 7, 2022	Time Zone: MDT
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F.O.B.: Plant: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other: <input type="checkbox"/>	
Address Enquiries to: Jen Maheu	
Telephone No.: 587-432-8458	Fax No.: 1-855-983-1808
Email Address: jennifer.maheu@pc.gc.ca	
Destination of Goods, Services, and Construction: See Herein	

TO BE COMPLETED BY THE BIDDER

Vendor/ Firm Name:	
Address:	
Telephone No.:	Fax No.:
Name of person authorized to sign on behalf of the Vendor/ Firm (type or print):	
Signature:	Date:

Amendment 002

This amendment is raised to extend the solicitation closing date, distribute the answers to bidder questions and make revisions to the tender package.

A. BID CLOSING DATE

The closing date for tender 5P468-22-0051/A is extended from June 30, 2022 to **July 7, 2022 at 2:00PM Mountain Daylight Time (MDT)**.

B. SITE VISIT PARTICIPANTS

Vendor	Representative's Name(s)
Everest Construction Management Ltd.	Michael Simonot
Chandos	David Kidd
Chandos	Robert S
Canadian Dewatering LP	Robert Benoit
SVEMY Construction Ltd.	Vladan Myska

C. SITE VISIT QUESTIONS & ANSWERS

Q1 Is anything supposed to be salvaged from the old lift stations.

A1 No, the contractor will be responsible for disposal.

Q2 Are any trees to be removed next to the compound lift station?

A2 Please refer to the contract drawing package.

Q3 Are there any constraints while working around the osprey nest?

A3 Yes, no major demolition work can begin until the ospreys have vacated their nest. PCA anticipates that demolition work can begin around late August.

Q4 What is the approximate depth of the water line underneath the pump house?

A4 Please refer to the contract drawing package.

Q5 Is anything to be salvaged from the pumphouse?

A5 No, PCA will salvage any contents prior to construction start. The contractor will be responsible for disposal of everything remaining in the pumphouse, including the 68 kg chlorine cylinder. Additional photos of the contents are provided.

Other notes:

AE noted that the water line that runs underneath the pump house must have the 90 degree bend removed and replaced with two 45 degree bends with thrust blocks. Refer to contract drawing package.

AE noted that PCA can isolate and bypass the watermain during construction. An isolation valve is located upstream at the top of the hill by the reservoir and another further downstream of the pumphouse.

D. ADDITIONAL BIDDER QUESTIONS & ANSWERS

Q6 Unfortunately as often occurs there are some discrepancies in the specs regarding these blower heaters and to make matters worse we cannot supply these MDH4 and MDH3 as our standard MDH models, we are having serious supply chain issues regarding the fan that would normally be used in the standard MDH4 and can no longer get them anywhere (we don't know when we will be getting any and have outstanding orders placed with several distributors).

Therefore we need to use a different style of fan that at least for the time being we are able to order which would make them a MDH4-HC and a MDH3-HC and would be roughly 9 cm taller.

A6 This is not an issue as long as performance is maintained.

Q7 We don't supply flanges, the bottom of the units are flat bottom with 150mm diameter air discharge hole and mounting bolt holes in each of the 4 corners, a neoprene gasket is glued to the bottom before packaging.

A7 This is acceptable. The Contractor will be required to bolt to the holes on the bottom.

Q8 The 120 Volts is needed in the blower heaters where the main controller is located, the status board and alarm module are powered from this main controller via the status cable at 12 volt DC.

A8 Noted. It was intended to show that both 120V and the higher voltage power supply are needed for each blower heater as is a Dexon requirement.

Q9 We don't have the dimensions of the wet wells so we can't say if airflow rates indicated in .8 .1&.2 would meet the 12 ACH minimum.

A9 This has been checked. The flow rates are sized for 12 ACH.

Q10 The MDH series blower heaters do not come with blower speed indicator indicated in .7, only the proof of fan rotation indicated in .1.

A10 This is correct, they have no filters. Disregard the speed indication requirement.

Q11 We do not supply disconnect switches.

A11 Disconnect switches are required. If they will not be supplied by the blower equipment supplier, they are to be supplied separately by the contractor: one 120V and one for the higher voltage.

Q12 The 3 phase MDH4 series are actually 4050 watt (3 elements at 1350 watt each).

A12 Noted.

Q13 The MDH series are only 1 stage of heating not the 3 stages indicated.

A13 Some degree of staging for heater modulation is preferred, but a single stage is acceptable if that's standard offering.

Q14 The Class one Div 2 rated blower heaters are not recommended to be set any higher than +12C and it would seem somewhat impractical to be heating the air when its above+ 10C outdoors in our opinion.

A14 Agreed. A +10C set point is acceptable.

Q15 The tender documents note that construction is to start on the Project Location #1 by July 4. With the tender closing on June 30, this does not allow enough time to execute contracts and prepare initial submittals. Please confirm that the contractor can schedule the work as they see fit as long as completion dates are met as noted in the contract.

A15 Work may begin at Project Location #1 starting at any time. Work at Project Location #2 is restricted due to the osprey nest, and PCA anticipates work may begin at this location the end of August.

Q16 The proposed liftstation package proposed for Location #1 would have a 2-4 week shop drawing period to prepare, then another approx 12 weeks to procure the materials. It would be unlikely to be able

to procure the liftstation package prior to mid November. Would an extension to the completion date be considered to allow for material procurement?

A16 The target completion date for the works is December 15, 2022. The Compound Lift Station Completion deadline is subject to product lead times and will be adjusted if work cannot be completed prior to winter conditions 2022. All other work is to be completed as per the project milestone schedule.

Q17 My instrumentation contractor is asking for the data sheets for the Lake Louise project. There should be data sheets for every switch describing the application. Can you please forward them to myself?

A17 Instrumentation products are specified in specification section 33 32 00 and as noted on the drawings, to be supplied as part of the packaged system.

Q18 Can we get an extension to July 7th for this tender? We are having some difficulty in getting subtrades and suppliers to commit to pricing as many will be away for the latter half of next week.

A18 Yes, the solicitation closing date has been extended

E. TENDER PACKAGE REVISIONS

SECTION 33 32 00 – WASTEWATER UTILITY PUMPING STATIONS

Delete: Item 2.9.6.7 in its entirety

Delete: Item 2.9.8.1.6: "Leaving Air Temperature: +16°C"

Replace with: "Leaving Air Temperature: +10°C"

Delete: Item 2.9.8.2.6: "Leaving Air Temperature: +16°C"

Replace with: "Leaving Air Temperature: +10°C"

Delete: Item 2.9.8.1.4: "Stages of Heating: 3"

Replace with: "Stages of Heating: 1"

Delete: Item 2.9.8.2.4: "Stages of Heating: 3"

Replace with: "Stages of Heating: 1"

Add:

"2.9.9 Acceptable Manufacturers

.1 Supply products modified as necessary to provide the specified features and to meet specified operating conditions.

.2 Acceptable Manufacturers:

.1 Dexon Canada

.2 Approved equal"

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED.